

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	2	("20040003645").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/12/22 12:52
S4	269	(72/370.08).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/12/22 16:17
S5	1	(10/311810).APP.	USPAT; USOCR	ADJ	ON	2008/12/22 16:20
S6	2	("20070256467").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/12/23 10:02
S7	1	(10/311810).APP.	USPAT; USOCR	ADJ	ON	2009/01/03 13:59
S8	7	("1791887"   "3122830"   "3230754").PN. OR ("6843096").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/03 14:07
S9	0	("2007/0256467").URPN.	USPAT	ADJ	ON	2009/01/03 15:12
S10	2	"6843096".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/01/03 15:39
S12	1	("20080302164").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/03 15:44

S13	2	("4744504").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/05 07:06
S14	2	("4768369").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/05 09:56
S15	269	(72/370.08).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/05 10:29
S17	9693	(pipe or tube or tubing) near4 (expand or expanding or expansion) and (wall near4 thickness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/08 11:11
S18	126792	"72".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/08 11:12
S19	642	S17 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/08 11:12
S20	7998	(pipe or tube or tubing) near4 (expand or expanding or expansion) and (wall near4 thickness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/08 11:12
S21	576	S20 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/08 11:12

S23	788	72/393.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/08 11:15
S24	2	"20070256467".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/08 12:36
S25	0	(11/663429).APP.	USPAT; USOCR	OR	OFF	2009/06/08 13:07
S26	0	(11/847967).APP.	USPAT; USOCR	OR	OFF	2009/06/08 13:07
S27	2	"20040003645".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/08 14:02
S28	1	(10/651941).APP.	USPAT; USOCR	OR	OFF	2009/06/08 14:22
S30	2	"20050005668".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/08 15:25
S31	1	(10/618419).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/08 15:31
S32	1	("2005/0005668").URPN.	USPAT	OR	OFF	2009/06/08 15:32
S33	0	(10/809042).APP.	USPAT; USOCR	OR	OFF	2009/06/08 15:47

S34	2	"20040144152".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/09 09:10
S35	0	("2004/0144152").URPN.	USPAT	OR	OFF	2009/06/09 09:10
S36	1	(10/756367).APP.	USPAT; USOCR	OR	OFF	2009/06/09 09:10
S37	10	("20020043089"   "2739376"   "4301672"   "5671626"   "5832766"   "6453714"   "6581433"   "6826943"   "6845552").PN. OR ("7140226"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/09 09:10
S38	1	"20020073758".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/09 15:00
S39	8001	(pipe or tube or tubing) near4 (expand or expanding or expansion) and (wall near4 thickness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/10 14:23
S40	788	72/393.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/10 14:23
S41	37	S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/10 14:23
S42	2	(10/306490).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/10 14:30
S44	1461	(72/370.01,370.03,370.06,370.1,370.14,370.15,393).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/10/07 15:11

S45	55839	(die or clamp) with pipe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/07 15:12
S46	105	S44 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/07 15:12
S47	471726	stepped mandrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/07 15:12
S48	267	stepped mandrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/07 15:13
S49	2	S44 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/07 15:13
S50	15	S46 and (collar or upsetter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/07 15:28
S51	1461	(72/370.01,370.03,370.06,370.1,370.14,370.15,393).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/10/07 16:53
S52	2	((copper and nickel and iron) or (cu and ni and fe)) near2 alloy and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/07 16:53

S53	5	("20030127774"   "20040144152"   "4768369"   "5615481"   "6843096"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/07 17:10
S54	19	(inward\$4 adj2 flange) and S51	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/07 17:13

**10/ 8/ 2009 9:27:30 AM**

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